Given an array of integers, find if the array contains any duplicates. Your function should return true if any value appears at least twice in the array, and it should return false if every element is distinct.

提交版本

public class Solution {

public boolean containsDuplicate(int[] nums) {

HashSet<Integer> temp = new HashSet<Integer>();

int i = 0;

for( i = 0;i<nums.length;i++) {

temp.add(nums[i]);

}

int size=temp.size();

if (size==nums.length) return false;

else return true;

}

}

带测试版本

**import** java.util.\*;

**public** **class** ContainsDuplicate {

**public** **static** **boolean** containsdupulicate( **int**[] num) {

HashSet<Integer> temp = **new** HashSet<Integer>();

**int** i = 0;

**for**( i = 0;i<num.length;i++) {

temp.add(num[i]);

}

**int** size=temp.size();

**if** (size==num.length) **return** **false**;

**else** **return** **true**;

}

**public** **static** **void** main( String[] args) {

**int**[] num1 = {1,1,2,4,5};

**int**[] num2 = {1,2,3,4,5};

**boolean** a= *containsdupulicate*( num1);

**boolean** b= *containsdupulicate*( num2);

System.***out***.println(a);

System.***out***.println(b);

}

}

大神简约版本

**public** boolean containsDuplicate(**int**[] nums) {

Set<Integer> **set** = **new** HashSet<Integer>();

**for**(**int** i : nums)

**if**(!**set**.add(i))// if there is same

**return** **true**;

**return** **false**;

}